

# **SIM Chemical Metrology Working Group (CMWG)**

## **Meetings/Workshops**

**18-19 September 2006**

**Hotel Intercontinental Rio**

**Rio de Janeiro, Brazil**

(following the 16-17 Sep SIM General Assembly meeting)

### **Monday, September 18**

09:00 [SIM CMWG Business Meeting](#)

14:00 [SIM CMWG Workshop on Preparation and Review of Chemical Measurement CMCs for CIPM MRA](#)

### **Tuesday, September 19**

09:00 [SIM CMWG Workshop: Critical Evaluation of Results of SIM.8.20P, PAHs in Soil/Sediment Pilot Study](#)

14:00 [SIM CMWG Meeting for Regional Review of SIM Chemical Measurement CMCs for Cycle VIII](#)

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**Draft Agendas for SIM CMWG Sep 2006 Meeting/Workshops follow  
– see pp. 2-5**

## SIM CMWG Business Meeting Draft Agenda

Monday, September 18

Hotel Intercontinental Rio

09:00

- Welcome and Introductions
- Minutes/Action Items from Last Meeting
- Upcoming CCQM Activities
- Overview of SIM Program in Chemical Metrology
- What's new in the Regions
  - NORAMET
  - CARIMET
  - CAMET
  - SURAMET
  - ANDIMET

W.E. May

This part of the meeting is intended to allow brief summaries of any new strategic directions, new areas for submission of CMCs, **chemical metrology**-related activities that have started or are planned in any SIM country. **NOTE: This should NOT be an overview of the NMI/Laboratory's organization/facilities/general overview of activities and services/etc.** Due to time constraints, five minutes each will be allotted for any country representative who has such new chemical metrology issues/directions to present. To expedite this, please send presentations to [reenie.parris@nist.gov](mailto:reenie.parris@nist.gov) by Sept 15 or provide between 8:30 and 8:50 Monday morning Sept 18.

- Plans for the Future:
  - In an attempt to more effectively address the unique needs of all 32 countries within SIM, whose capabilities in chemical metrology span a very broad range, SIM Chemical Metrology Working Group activities in the past few years have focused on training and capability assessment rather than participation in MRA-driven Key and Supplemental Comparisons. This has been done through:
    - Outreach and Awareness Activities within Subregions
    - Chemical Measurement Proficiency Assessment Comparison Studies and follow-up training activities.
  - Discussion as to most effective “way forward”

## Draft Agenda: SIM CMWG Workshop on Preparation and Review of Chemical Measurement CMCs for CIPM MRA

Monday, September 18

Hotel Intercontinental Rio

14:00

- Overview of CIPM MRA Robert Kaarls
- Chemical CMC Formulation Guidelines Reenie Parris
- CMC Review Process

Prior to this workshop, it is strongly recommended that participants review the guidelines, template, and other irrelevant information available on the SIM CMWG website and bring any questions they might have for clarification/discussion.

**SIM CMWG Website:** [http://www.cstl.nist.gov/sim\\_cmwg\\_activities.html](http://www.cstl.nist.gov/sim_cmwg_activities.html)

See Section: [Resources/Information for Formulation and Review of Chemical Measurement](#)

- Presentations from previous SIM CMC Workshop
  - “Overview of CIPM MRA”
  - **“Chemical CMC Formulation Guidelines”**
  - “CMC Review Process”
- **Current (Excel) Template for submission of CMCs to SIM** {Cycle VIII}
- “Procedure for Modifying CMCs Already in Appendix C”

## **Draft Agenda: SIM CMWG Workshop: Critical Evaluation of Results of SIM.8.20P, PAHs in Soil/Sediment Pilot Study**

**Tuesday, September 19**      Hotel Intercontinental Rio

**09:00**

- Overview of study and results CENAM
- Presentations by study participants
  - Each to include the following:
    - brief description of the analytical method used (including the approach for calibration)
    - uncertainty budget
    - ways the method could be improved
    - traceability of results
    - **“mock\*” CMC claims based on capability / results for each of PAHs in Soil/Sediment matrix (\*just for discussion not submission)**
- Discussion of results
- Discussion of mock “CMCs”
- Recommendations of Next steps

## **SIM CMWG Meeting for Regional Review of SIM Chemical Measurement CMCs for Cycle VIII**

**Tuesday, September 19**     Hotel Intercontinental Rio  
14:00

- Review of SIM Cycle VIII Chemical Measurement CMCs by CCQM  
Measurement Category:
  - 01 High Purity Chemicals
  - 02 Inorganic Solutions
  - 03 Organic Solutions
  - 04 Gases
  - 05 Water
  - 06 pH
  - 08 Metals and Metal Alloys
  - 10 Biological Fluids and Materials
  - 11 Food
  - 12 Fuels
  - 13 Sediments, Soils, Ores, and Particulates
  
- *Those who may be proposing chemical measurement CMCs in the near future are welcome to attend as observers.*